

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 May 2004 (27.05.2004)

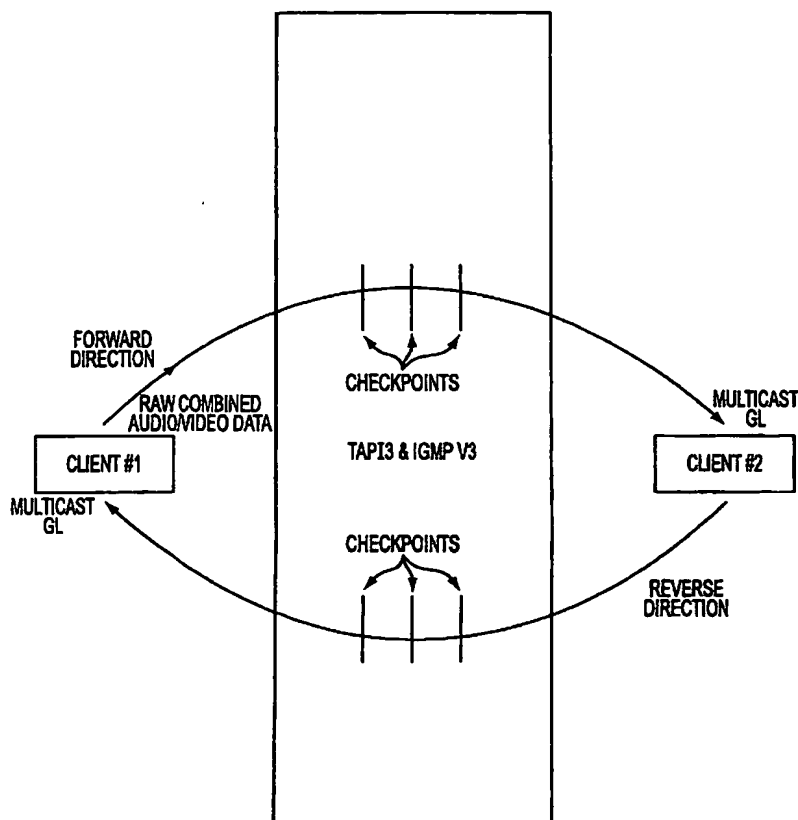
PCT

(10) International Publication Number
WO 2004/044710 A3

- (51) International Patent Classification⁷: **G06F 15/16** [CA/CA]; 3471 Plummer Avenue, New Waterford, Nova Scotia (CA).
- (21) International Application Number: PCT/US2003/036349 (74) Agent: **VON TERSCH, Glenn**; Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).
- (22) International Filing Date: 12 November 2003 (12.11.2003) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW).
- (26) Publication Language: English
- (30) Priority Data: 60/425,621 11 November 2002 (11.11.2002) US
- (71) Applicant (*for all designated States except US*): **SUPRA-COMM, INC.** [US/US]; 350 South Center Street, Suite 500, Reno, NV 89501 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **RIDEOUT, Neil**

[Continued on next page]

(54) Title: MULTICAST VIDEOCONFERENCING



(57) Abstract: In one embodiment, the invention is a method of transferring data. The method includes receiving a first video data stream at a first machine. The method also includes multicasting the first video data stream in uncompressed and raw form through a network. The method further includes receiving the first video data stream at a second machine. The method also includes playing the first video data stream on the second machine.

WO 2004/044710 A3



SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
16 December 2004

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

(15) Information about Correction:

Previous Correction:

see PCT Gazette No. 38/2004 of 16 September 2004, Section II

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/36349

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/16

US CL : 709/204

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/204, 230, 231

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,727,002 A (MILLER et al.) 10 March 1998, (10.03.1998), col. 5, line 20 - col. 6, line 67.	1-66
Y	US 5,893,091 A (HUNT et al.) 06 April 1999 (06.04.1999), col. 12, line 25 - col. 14, line 64.	1-66
A	US 5,832,229 A (TOMODA et al.) 03 November 1998 (03.11.1998), see entire document.	1, 2

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 August 2004 (26.08.2004)

Date of mailing of the international search report

09 SEP 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Jason D Cardone

Telephone No. (703) 305-3900

INTERNATIONAL SEARCH REPORT

PCT/US03/36349

Continuation of B. FIELDS SEARCHED Item 3:

USPAT

search terms: TCP, UDP, acknowledgement, video, stream, multicast